



PATENT
Customer Number 22,852
Attorney Docket No. 07691.0006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#612

In re Application of:

Brendan LARDER et al.

Application No.: 09/589,167

Filed: June 8, 2000

For: METHOD AND SYSTEM FOR
PREDICTING RESISTANCE OF
A DISEASE TO A
THERAPEUTIC AGENT USING A
NEURAL NETWORK

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) Group Art Unit: 1631
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) Examiner: M. Zeman
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Plunkett
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MAY 03 2002

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT AND RESPONSE

In response to the Office Action dated January 28, 2002, Applicants respectfully request reconsideration of the subject application in light of the following amendments and remarks.

IN THE SPECIFICATION

On Page 14, please delete the 1st full paragraph beginning "The mutational patterns that have been observed and reported" and insert the following paragraph:

-- The mutational patterns that have been observed and reported for HIV-1 and that correlated with drug resistance are very diverse: some antiretroviral agents require only one single genetic change, while others require multiple mutations for resistance to

A1